

Agenda Item No. 7(A)(1)(A)

To: Honorable Chairperson Barbara Carey-Shuler, Ed. D.

and Members, Board of County Commissioners

April 13, 2004

From: Seorge M. Burges

County Manager

Subject:

Date:

Request to Reject Bids for

MIA Westside Booster Pump Station, MDAD Project No. H032A

The attached Rejection of Bids has been prepared by the Miami-Dade Aviation Department (MDAD) and is recommended for approval.

PROJECT: MIA Westside Booster Pump Station

PROJECT NO: H032A

PROJECT LOCATION: Miami International Airport (MIA)

PROJECT DESCRIPTION: The general scope of work for the project consists of the

> construction of a sanitary sewer booster pump station and associated force mains on the west side of MIA to improve

the overall efficiency of MIA's sanitary sewer system.

BACKGROUND: On September 17, 2003, a total of four (4) bids were

> received for the West Side Booster Pump Station, MDAD Project No. H32A. Of the four bids, one was determined to

be non-responsive by the Department of Business Development (DBD) for failure to summit a responsive

Schedule of Intent Affidavit. The remaining bids and the pre-

bid A/E estimate are as follows:

Original Cost Estimate \$1,703,294.00 Aarya Construction & Design, Inc. \$2,056,302,79 Gilbert Southern Corporation \$2,650,835.96 H.A. Contracting Corporation \$3,024,322.90

The design consultant, County's general consultant and County staff believe that the bid prices received do not correlate with the value of the work, based on comparisons

with bids received by MDAD for similar projects.

The bid submitted by the apparent low bidder, Aarya

Honorable Chairperson Barbara Carey-Shuler, Ed. D. and Members, Board of County Commissioners Page 2

Construction & Design, is 21% higher than the Engineer's

estimate.

It is the Department's intention to evaluate and further clarify the project scope of work with the design consultant in an effort to lower the bid prices within prevailing industry costs.

The project will then be re-advertised for bids.

COST ESTIMATE:

\$1,703,294.00

CONTRACT AMOUNT:

Not Applicable

CONTRACT PERIOD:

Not Applicable

ART IN PUBLIC PLACES:

Not Applicable

INSPECTOR GENERAL FEE: (1/4 OF ONE PERCENT)

Provisions Included

IPSIG AUDIT ACCOUNT:

Provisions Included

MANDATORY CLEARING

HOUSE:

Provision Included

PROJECT FRESH START:

Provision Included

PRIME CONTRACTOR(S):

Not Applicable

COMPANY PRINCIPAL(S):

Not Applicable

COMPANY QUALIFIER(S):

Not Applicable

LOCATION OF COMPANY:

Not Applicable

YEARS IN BUSINESS:

Not Applicable

PREVIOUS CONTRACTS
WITH COUNTY IN THE PAST
FIVE YEARS:

Not Applicable

USING AGENCY:

Miami-Dade Aviation Department

FUNDING SOURCE:

Airport Revenue Bonds

Honorable Chairperson Barbara Carey-Shuler, Ed. D. and Members, Board of County Commissioners Page 3

REVIEW COMMITTEE DATE: February 19, 2003

CSBE INFORMATION: 24.4% CSBE Subcontractor Goal

SUBCONTRACTOR(S)

Not Applicable

MEETING GOALS:

SUBCONTRACTOR(S) Not Applicable

AND SUPPLIERS:

(ORD. 00-30)

ALLOWANCES/CONTINGENCY 10% Allowance Account (within guidelines) **(ORD. 00-65)**:

APPROVED AS TO LEGAL

SUFFICIENCY:

Yes

Assistant County Manager

BID REJECTION RECOMMENDATION

CONSTRUCTION PROJECT

	get Department nty Manager's Office	Date:
Project Nam	e: MIA Westside Booster Pump Station	Project No: H032A
Location:	Miami International Airport (MIA)	-
Original Cos	t Estimate: (Pre-Bid Estimate by A/E)	
	ded Amount of Contract:	
	Places Contribution: \$N/A	
	riod: 300 calendar days	
Number of b	idding documents taken out:11_ Genera	l Contractors 6 Subcontractors
	ids received: 3 (Tabulation Attached	
	ended that a Contract be awarded to:	,
Firm Name:	N/A	
Address:	N/A	
Explanation	: (Description of project scope of work and expla	
not correlate	onsultant, county's general consultant and the co with the value of the work, based on comparis	ons with bids received by the Department for
similar project the design co be re-advertis	onsultant in an effort to lower the bid prices within	nd further clarify the project scope of work with prevailing industry costs. The project will then
the design co	ensultant in an effort to lower the bid prices within sed for bids.	Name: Angela Gittens
the design cobe re-advertises	Printed I Aviation Director Departm	Name: Angela Gittens
Signature:	Printed I Avaation Director Departm GETED Departm	Name: Angela Gittens ment: Aviation
Signature: Title: FUNDS BUD Code:	Printed I Avaation Director Departm GETED Departm	Name: Angela Gittens nent: Aviation T DEPARTMENT CERTIFICATION

MIAMI INTERNATIONAL AIRPORT

MAILING ADDRESS: PO BOX592075, MIAMI, FLORIDA 33159 € 4200 NW 36 ST, SUITE 400, MIAMI, FLORIDA 33122

TO:

Hon. Chairperson Barbara Carey-Shuler, Ed.D. and Members, Board of County Commissioners

ler, Ed.D. DATE:

April 13, 2004

FROM:

Robert A. Ginsburg

County Attorney

SUBJECT: Agenda Item No. 7(A)(1)(A)

Plea	ase note any items checked.
	"4-Day Rule" ("3-Day Rule" for committees) applicable if raised
	6 weeks required between first reading and public hearing
	4 weeks notification to municipal officials required prior to public hearing
	Decreases revenues or increases expenditures without balancing budget
	Budget required
	Statement of fiscal impact required
	Bid waiver requiring County Manager's written recommendation
	Ordinance creating a new board requires detailed County Manager's report for public hearing
	Housekeeping item (no policy decision required)
	No committee review

Approved	 Mayor	Agenda Item No.	7(A)(1)(A)
Veto		4-13-04	
Override			

RESOLUTION NO.

RESOLUTION RELATING TO MDAD PROJECT NO. H032A MIA WESTSIDE BOOSTER PUMP STATION AT MIAMI INTERNATIONAL AIRPORT; REJECTING ALL BIDS RECEIVED

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum and documents, copies of which are incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby rejects all bids received on MDAD Project No. H032A for MIA Westside Booster Pump Station.

The foregoing resolution was offered by Commissioner , who moved its adoption. The motion was seconded by Commissioner and upon being put to a vote, the vote was as follows:

Dr. Barbara Carey-Shuler, Chairperson Katy Sorenson, Vice-Chairperson

Bruno A. Barreiro
Betty T. Ferguson
Joe A. Martinez
Dennis C. Moss
Natacha Seijas
Sen. Javier D. Souto

Jose "Pepe" Diaz Sally A. Heyman Jimmy L. Morales Dorrin D. Rolle Rebeca Sosa

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The Chairperson thereupon declared the resolution duly passed and adopted this 13th day of April, 2004. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA BY ITS BOARD OF COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: Deputy Clerk

Approved by County Attorney as to form and legal sufficiency

Deborah B. Mastin



Dept. of Business Development Project Worksheet

Project/Cn	atract Title:
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MIA WESTSIDE BOOSTER PUMP STATION (SIC 17)

RC Date:

02/19/2003 3-02

Project/Contract No:

MDAD #H032A

Funding Source:

Item No:

Department:

AVIATION DEPARTMENT

AVIATION BONDS

Estimated Cost of Project/Bid: \$1,415,833.00

Resubmittal Date(s):

Description of Project/Bld:

To establish a commet for the construction of a smilary sewer booster pump station and associated force mains to provide a discharge connection on the West side of MIA.

	Measure	Program	Goal Percent		
	Goal	CSBE	24.40%		
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	Wal		Branch Branch		- 1
An analysis of the factors cor appropriate.	tained in Section VI, C of Ad	umpranie Olga 3	-22, indicate a 24.40% gi	on mis broles	., 15
منيه مند معدد دادمه الدوائية اللهام الدوائية التا	·· 				
74 KE 1 89 5 10 m	Andyellio	Recommendation	भाग तथा हो है है है है	W. W. T.	
	A CONTRACTOR OF THE PARTY OF TH		The same of the sa	% of Items	Birt (stanouthern serve
Subtrade		<u>Cat.</u>	Estimated Value	to Base Bid	Availability
Plumbing, Heating, and Air-	Conditioning Contractors	CSBE	\$288,829.93	20.40%	33
Electrical Contractors		CSBE	\$56,633.32	4.00%	36
and the second second	,				
		Total	\$345,463.25	24.40%	69
ng Wages: YES	NO X		· — · · · · · · · · · · · · · · · · · ·		
ponsible Wages: YES X	لــا	و			20
Ordinance 90-143 is applicable in	all construction projects over \$1	00,000 that do not utili	lze Federal Funds		003
	- REVIEW COM	MITTORECOMM	IENDATION		n (/
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Set Aside	Level I	Level 1	Le	vel 3	6
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Trade Set Aside (MCC)		Goal	Bi	d Preference	AH IO:
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No Measure		Deferred	1 Se	lection Factor _	9
	of.		1001		
Edward 11	Earries 2/19/	,,	sous fu	ow	
Chairperson, Review Corp			County Manager		Date



TRANSPORTATION

Aviation

FUNDED PROJECTS ******
(\$ IN 000'S)

1

SUPPORT FACILITIES

BUSINESS SYSTEMS IMPROVEMENTS

LOCATION:

Miami International Airport

Unincorporated Miami-Dade County

COMM DIST:

Countywide

DESCRIPTION:

: Modernize and expand telecommunications systems shared with airlines and other tenants, including telephone systems, data networks, visual displays, passenger check-in equipment, and building management systems.

REVENUE SCHEDULE:	PRIOR	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	FUTURE	TOTAL
Future Aviation Revenue Bonds	0	0	46,851	56,259	11,058	1,414	1,386	1,838	118,806
Aviation Revenue Bonds Sold	20,265	19,644	0	0	0	0	0	0	39,909
TOTAL REVENUE:	20,265	19,644	46,851	56,259	11,058	1,414	1,386	1,838	158,715
EXPENDITURE SCHEDULE:	PRIOR	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	FUTURE	TOTAL
Planning/Design	18,069	369	898	1,080	191	0	0	0	20,607
Construction	2,196	19,275	45,953	55,179	10,867	1,414	1,386	1,838	138,108
TOTAL PROJECTED COST:	20,265	19,644	46,851	56,259	11,058	1,414	1,386	1,838	158,715

ENVIRONMENTAL ENGINEERING

LOCATION:

Miami International Airport

Unincorporated Miami-Dade County

COMM DIST:

Countywide

DESCRIPTION:

Implement stormwater, water distribution, and sanitary sewer master plans; mitigate pollution of soil, ground water, and air, upgrade the fuel

storage facility and distribution system.

REVENUE SCHEDULE:	PRIOR	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	FUTURE	TOTAL
Aviation Passenger Facility Charge	0	0	0	0	0	1,319	5,986	10,000	17,305
Future Aviation Revenue Bonds	0	0	12,716	1,335	1,902	2,373	0	2,651	20,977
Aviation Revenue Bonds Sold	212,204	18,513	0	0	0	0	0	0	230,717
TOTAL REVENUE:	212,204	18,513	12,716	1,335	1,902	3,692	5,986	12,651	268,999
EXPENDITURE SCHEDULE:	PRIOR	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	FUTURE	TOTAL
Planning/Design	182.611	1,189	277	13	25	68	131	297	184,611
Construction	29,593	17,324	12,439	1,322	1,877	3,624	5,855	12,354	84,388
TOTAL PROJECTED COST:	212,204	18,513	12,716	1,335	1,902	3,692	5,986	12,651	268,999

NORTHSIDE REDEVELOPMENT

LOCATION:

Miami International Airport

Unincorporated Miami-Dade County

COMM DIST:

Countywide

DESCRIPTION: Redevelop MIA's original Northside to improve cargo processing and aircraft maintenance functions, including construction of cargo buildings, re-

paving of roads, and draining the apron areas adjacent to the cargo and maintenance buildings.

REVENUE SCHEDULE:	PRIOR	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	FUTURE	TOTAL
Future Aviation Revenue Bonds	0	0	6,204	6,111	9,690	440	0	0	22,445
Aviation Revenue Bonds Sold	38,031	19,928	0	0	0	0	0	0	57,959
TOTAL REVENUE:	38,031	19,928	6,204	6,111	9,690	440	0	0	80,404
EXPENDITURE SCHEDULE:	PRIOR	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	FUTURE	TOTAL
Planning/Design	9,962	2,955	1,754	1,329	979	145	0	0	17,124
Construction	28,069	16,973	4,450	4,782	8,711	295	0	0	63,280
TOTAL PROJECTED COST:	38,031	19,928	6,204	6,111	9,690	440	0	0	80,404

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CAPITAL IMPROVEMENT PROGRAM PROJECTS ANNUAL EXPENDITURE FORECAST - Dade County Budget Format

March 2003 CIP

Escalated dollars in 000s

					,				
Schedule									
Date:	PRICE								Total
1/1/03	(thru 9/30/2003)	FY 2004 FY 2005	FY 2005	FY 200	1000		i		CASH
				7	C FT 2007 FT 2008	FT 2008	FY 2009	FY2010	OUTLAY

1/1/03	(thru 9/30/2003)	03)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	EY2010	CASH
ENVIRC	NAMENTAL 1	ENVIRONMENTAL ENGINEERING	(1)							OUTLAY
516	H032A	MIA WEST SIDE BOO	OSTER PUMP STATION	STATION			Design			
	257	7;	1,943	0	0	0		c	c	6
571	CIP571	MIA ENVIRONMENTA	AL PROGRAM	AL PROGRAM TOTAL PROJECT COSTS	ECT COSTS	•	Cash Flow	> >	>	L,207
		0	0	14	969	1.876	4.186	5,606	7 200	40.000
574	1118A	MIA NORTH HYDRAN	NT PUMPING SYSTEM	SYSTEM			Cash Flow		4,430	900,01
	2,00	Q	0	0	0	0	0	0	0	2.000
637	CIP637 N	MIA UTILITY CORRIDOR LINK	OOR LINK				Planning	Planning & Programming		
		0	0	603	2,597	0	0	0	C	3 200
PROG. TOTAL:	AL: 225,027	7	16,757	7,563	10,761	8,866	9,458	9,345	7,239	295,015

1/

hursday, May 01, 2003

PROJECT No.	IA Westside Booster P H032A		DATE	
				(005) 000
PROJECT MANAGER	Ben Gonzalez		PM's PHONE No.	(305) 876-0769
You are hereby notin	fied that the Count	/ Manager will red	commend rejection of	of all bids for the above
				led for presentation to t
Board of County Com		-		,
•				
Should you have any q	uestions, please conta	act the Project Mana	iger at the number list	ed above.
	B :			
	Project Ma	nager	Signature	
Distribution: [List all b	bidders includina com	oanv name and com	plete address in the ta	able 1
•		pany name and com	•	able.]
Company Nar	me	•	Address	able.]
Company Nar Aarya Construction & D	ne Design, Inc 7657	NW 50 St., Miami, F	Address FL 33166	
Company Nar Aarya Construction & E Gilbert Southern Corp.	ne Design, Inc 7657	NW 50 St., Miami, F NW 8 St. Suite #22	Address FL 33166 25, Sunrise, FL 33325	
Company Nar Aarya Construction & E Gilbert Southern Corp.	ne Design, Inc 7657	NW 50 St., Miami, F	Address FL 33166 25, Sunrise, FL 33325	
Company Nar Aarya Construction & E Gilbert Southern Corp.	ne Design, Inc 7657 13630 9500	NW 50 St., Miami, F NW 8 St. Suite #22	Address FL 33166 25, Sunrise, FL 33325	
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Company Nar Aarya Construction & E Gilbert Southern Corp. H.A. Contracting	ne Design, Inc 7657 13630 9500	NW 50 St., Miami, F NW 8 St. Suite #22	Address FL 33166 25, Sunrise, FL 33325	
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Company Nar Aarya Construction & E Gilbert Southern Corp. H.A. Contracting	ne Design, Inc 7657 13630 9500	NW 50 St., Miami, F NW 8 St. Suite #22	Address FL 33166 25, Sunrise, FL 33325	
Aarya Construction & E Gilbert Southern Corp. H.A. Contracting	ne Design, Inc 7657 13630 9500	NW 50 St., Miami, F NW 8 St. Suite #22	Address FL 33166 25, Sunrise, FL 33325	

cc: Clerk of the Board; Deputy Aviation Director, Capital Improvement Program; Manager, Finance; Manager, Facilities; Manager, Contracts Administration; Associate Director, Minority Affairs; PGTS Coordinator; DAC Cost Engineer; Project Manager; County Attorney's Office; Roger T. Hernstadt, Miami-Dade County Capital Improvements Coordinator; P. Carney (PBSJ); Project File; Document Control



October 8, 2003

Ms. Nancy Pantoja, P.E. Chief, Aviation Civil/Environmental Engineering Miami-Dade Aviation Department P.O. Box 592075 Miami, Florida 33159

RE: Miami International Airport West Side Booster Pump Station MDAD Project No. H032A

Dear Ms. Pantoja:

Enclosed are the Tabulation of Bids and Comparison of Bid items for the referenced project and a copy of the Bid Documents Checklist. A total of four (4) bid packages were received at 1:00 pm on Wednesday, September 17, 2003. Of those four, one was determined to be non-responsive by DBD and subsequently disqualified. The remaining three bid packages were opened for review of bid prices on Friday, September 19, 2003 at 2:00 pm. The bidders and total amounts of their bids (including the allowance account, IP Audit Account, IPSIG account) are as follows:

<u>COMPANY</u>	TOTAL AMOUNT BID
Aarya Construction & Design, Inc. (ACD)	\$2,056,302.79
Gilbert Southern Corporation (GSC)	\$2,650,835.96
H.A. Contracting Corporation (HAC)	\$3,024,322.90

The above prices reflect corrections made during our review due to math errors in summing and calculating the allowance and audit accounts on the bid forms for ACD and HAC. The actual total contract amounts written by each Contractor were \$2,415,701 and \$2,996,014.08 respectively. There were no discrepancies found in the Schedule of Bid Prices for GSC. The Responsible Wages and Benefits were omitted from ACD's package. We also note that Envelope B for ACD did not contain the Bid Submittal Checklist although all other documents appeared to be included and properly executed.

The apparent low bidder is ACD with a corrected bid amount of \$2,056,302.79. We defer to the Miami Dade Aviation Department's authority to waive informalities or reject proposals on the same basis. The bid amount is 21% higher than the Engineer's estimate of \$1,703,294.00 and 15% higher than the project budget of \$1,781,000.00.

We have conducted a review of the engineer's estimate, MDAD's review of the probable construction

Ms. Nancy Pantoja, P.E. Page 2 October 8, 2003

We have conducted a review of the engineer's estimate, MDAD's review of the probable construction cost estimate (with four referenced projects), and the unit and lump sum amounts contained in the bids. The apparent low bidder's unit prices appear to track the engineer's estimate closely with the following notable exceptions:

			Engineer's	
<u>Item</u>	Description	<u>Bid</u>	Estimate	Deviation
1	Mobilization	\$132,000	\$36,750	+\$92,250
31	Western "U" bypass	\$54,973	\$15,000	+\$39,973
49 & 50	MDAD/MDWASD	\$41,081	\$9,600	+\$31,481
	Meter Vaults		,	,
51	Pump Station Building	\$437,000	\$345,000	+\$92,000

A brief discussion of each follows:

Item 1, Mobilization

The three bids for this item were \$23,000 (HAC), \$65,000 (GSC), and \$132,000 (ACD) which equates to 0.85%, 2.7%, and 7% respectively, for mobilization based on total contract price, before allocation and audit accounts. We typically allocate approximately 3% for this item. At 7%, it would appear that the low bidder is heavily front-end loaded for this item.

ltem 31, Western "U" bypass

Bids for this item were \$20,000 (GSC), \$54,973 (ACD), and \$78,000 (HAC). This item involves minimal work at an offsite location. While the scope is clearly defined, the pricing is excessive for the amount of work called for and may be due to site access and security or concerns about unforeseen conditions.

Items 49 & 50 MDAD/MDWASD Meter vaults

Bids for these two items totaled \$41,081 (ACD), \$97,000 (HAC), and \$100,000 (GSC). These vaults are designed to the MDWASD standard requirements. Although one of the two vaults is for MDAD's metering equipment, for uniformity both vaults were designed to be identical and meet the MDWASD requirements. There may be a misconception by the Contractor that the pipe fittings and accessories are included in this item although it is clearly marked 'Section 03300' contributing to the large spread between the bid prices. Clarification to the line item may be warranted.

Item 51, Pump Station Building

Bids for this item were \$437,000 (ACD), \$622,000 (HAC), and \$789,000 (GSC), which translates to \$273/sq/ ft., \$389/sq. ft., and \$494/sq. ft., respectively. This building is architecturally and structurally a simple, straightforward industrial building. There is little or no aesthetic treatment, no glazing, a simple square arrangement, and consists of CMU construction with louvers, no plumbing facilities (hose bibs and minor piping only), a floor trench and sump pump, steel man doors and one rollup



Ms. Nancy Pantoja, P.E. Page 3 October 8, 2003

door. The building also includes the electrical switchboard and limited main distribution gear which are factored into the lump sum price. Our estimate, although broken down by unit price for detailed work items, equates to \$215/sq. ft. The most recent projects of similar scope where we have used representative unit pricing which at, or above, the bid amount include: Key Largo Booster Pump Station (\$230/sq. ft., escalated for distance/location), Lohmeyer Effluent Pump Station, Ft. Lauderdale, Fl., (\$182/sq. ft.), and MDWASD PS No. 1 Odor Control Building (\$223/sq. ft.).

We have subsequently met with two contractors, experienced with this type of construction but unrelated to this bid, to review our assumptions. They cautioned, and we are in agreement, that this project is very well defined in terms of the over 50 unit price line items leaving only two or three large lump sum items in which to put profit and contingency amounts which are not likely to be removed or vary significantly. Additionally, building contractors are very busy in the present market climate resulting in higher quotations for work. We feel that this may be the reason for such a wide variation in the bids for this item. We also feel that there may be some misconception about the cost related to security, access, and general overhead associated with constructing a project on airport property. The site, building, and force main are all located entirely outside of the airport perimeter.

In an effort to gain additional insight into the deviation from the expected bid amounts we contacted two Contractors who chose not to bid the project. Both contractors commented that the CSBE contract measure of 24.4% was difficult to achieve in a competitive environment and was the primary reason that one Contractor did not submit a bid. They both commented that this project was primarily heavy mechanical and pipeline intensive and the fact that there are fewer CSBE firms certified in this area resulted in higher quotations, in some cases a factor of 2:1 over what the Contractor could accomplish the work for from other subcontractors or with their own forces. Therefore, there was a need to subcontract a substantial portion of the work with the resulting mark up.

From our review of the above factors we feel that the apparent low bidder's price is representative of the market conditions associated with the construction of this project except for the noted extremes. Therefore, it is our recommendation that the bids be rejected and the following be implemented:

- Provide further clarification to Items 49 and 50 to emphasize that the pipefittings and accessories are not included in these items.
- Separate the lump sum amount for Item 51 into unit prices for each of the building components thereby allowing greater scrutiny and control of the unit prices.
- Reduce the CSBE measures due to the uniqueness of the project.
- Re-bid the project.



Ms. Nancy Pantoja, P.E. Page 4 October 8, 2003

Should you have any questions or comments concerning the above, please contact me at your convenience.

Sincerely,

PBS&J

Patricia A. Carney, P.E.

Program Manager

Cc: File

MIA - West Side Booster Pump Station MDAD PROJECT NO. H032A

CSBE MEASURE: 24.4%

	Aarya		
	Construction &	Gilbert	H.A.
BID SUBMITTAL REQUIREMENTS	Design	Southern	Contracting
Bid Form/Acknowledgement of Addenda	OK	OK	OK
BF-1 Through end)	OK	OK	OK
Miami-Dade Responsible Wages & Benefits; Third Quarter 2003	N/S	OK	OK
Bid Signature Page	OK	OK	OK
MDAD Single Execution Affidavits:	OK	OK	OK
Contractor's Disclosure for Miami-Dade County - Parts I, II, and III	OK	OK	OK
Bidder's Affidavit on Public Entity Crimes	OK	OK	OK
Compliance with Florida's Trench Safety Act	OK	OK	OK
Miami-Dade County Debarment Disclosure Affidavit, Pursuant to Ord. 93-129	OK	OK	OK
Fair Wage Affidavit	OK	OK	OK
Criminal Record Affidavit	OK	OK	OK
Current in Obligatios to the County	OK	OK	OK
Code of Business Entics Affidavit	OK	OK	OK
Affirmative Action Plan/Procurement Policy Affidavit	OK	OK	OK
Affirmative Action Plan/Procurement Exemption Affidavit	OK	N/A	N/A
Project Fresh Start Welfare-to-Work Initiative Affidavit	OK	OK	OK
Contribution to Project Fresh Start Waiver Request Affidavit	OK	N/A	N/A
Bid Bond + Power of Attorney + Insurance Agent Picture	OK	OK	OK
Contractor License (valid and current)	N/S	OK	N/S

CONDITION OF AWARD REQUIREMENTS	Aarya Construction & Design	Gilbert Southern	H.A. Contracting
Subcontractor/Supplier Listing (Ordinance 97-104 & 00-30)			
MDAD Single Execution Condition of Award Certifications/Verifications			
Statement of Subcontracting Policies (Ordinance 97-35)			
CSBE Measure Proposed			

Legend:

OK = Submitted and in order

N/A = Not Applicable

N/S = Not Submitted

Notes:

Condition of Award Requirements Section to be completed later.

SCHEDULE OF BID PRICES

MIA WEST SIDE BOOSTER PUMP STATION MDAD PROJECT NO 11032A

la:			In:			PBS&I		tracting, Inc.	Anrya Coust, & Design, Inc. Apparent Low Bul		Gilbert Southern	
ltem No.	Section	Item Descripțion	Estimated Quantity	Unit	Cust/Unit	Cost	Cust/Unit Installed	Extended Cost	Cost/Unit	Extended	Cost/I mit	Extended
ī	01505	Mobilization		1.8	\$ 36,750 00				Installed \$ 132,000 00	Cost 132 000	Installed S 65 Out on	Cost
2	01562	Temporary Air and Water Pollution, Soil Erosion, and Siltation Control		I.S	\$ 6,000.00	5 6,000		\$ 7,000	\$ 4,213.00		\$ 65,000.00	S 65.0
3_	01571	Maintenance of Airport Landside Traffic		LS	\$ 32,000.00		\$ 60,000.00	\$ 60,000	\$ 25,000.00			\$ 10. \$ 50:
4	P-151	Clearing and Grubbing	0.16	AC	\$ 15,000.00				\$ 5,397.00		\$ 30,000 00	
5	P-151	Demolition of Bituminous Pavement	180	SY	5 12 00	\$ 2.160		\$ 2,160	\$ 9.51	\$ 1,712	\$ 25.00	\$ 10.1
6	P-152	Demolition of Structures (Sidewalks, Curb, and Gutter)		1.5	\$ 3,000.00	\$ 3,000	5 4,000.00	\$ 4.000	\$ 5,941.00		\$ 4,000.00	5 4
7	P-152	Off-site Borrow (Changed from 170 ex to 2180 tons before oid)	2181	TON	\$ 15.00	\$ 32,700	\$ 8.00	\$ 17,440	\$ 1630	5 35,514	\$ 20.00	s 4).e
8	P-152	Proof Rolling	490	SY	\$ 100		S 22 00	\$ 10,780	\$ 15.74	\$ 7,713	\$ 500	
9	P-154	Stabilized Subgrade (6")	490	SY	5 12 00	\$ 5,880	5 11 00	\$ 5,390	\$ 16.30		\$ 15.00	\$ 2,4 \$ 7.3
10	P-160	Temporary Stockpiling of Suspected and ENR Soils with berming lining	300	CY	5 6.n7	\$ 2,001	\$ 41.00	\$ 2,100	\$ 15 02		\$ 16.00	\$ 4,8
11	P-160	Transportation/Disposal of Non-Hazardous Soil at a Landfill	150	TON	\$ 25.00	\$ 3,750	\$ 8100	\$ 12.750	\$ 46.43		\$ 50.00	5 7.5
12	P-160	Transportation/Incineration of Soil	100	TON	\$ 46.00	\$ 4,600	\$ 85.00	\$ 8,500	5 53.96		\$ 50.00	
13	P-160	Transportation/Disposal of Hazardous Soil	50	TON	5 167 00		5 526 00	\$ 26,100	\$ 313.19			
14	P-160	Removal/Disposal of FFHP		GA1.	\$ 0.80		\$ 135	\$ 6,750	\$ 0.70	5 15,670	\$ 350.00	\$ 17,
15	P-160	Skimming/Transportation/Disposal of Absorbent Pads/Buoms	20		\$ 42.00		\$ 135.00	\$ 2,700				
		Dewatering/Treatment of Contaminated Circuidwater hourly unit flow rate							\$ 332.00	\$ 6.640	\$ 10.00	<u>s</u> ;
16	P-160	less than 300 gpm Dewatering/Treatment of Contaminated Groundwater limitly unit flow rate	100	GAI.	\$ 800	2 R00	\$ 27.00	\$ 2,700	\$ 5.00	\$ 500	\$ 100	\$
17	P-160	300 gpm through 499 gpm	100	GA1.	\$ 10.00	\$ 1,000	\$ 10.00	\$ 3,000	\$ 5.00	\$ 500		_
		Dewatering/Treatment of Contaminated Groundwater hourly unit flow rate					1	3.500	, ,,,,,,	3 500	\$ 5.00	2 .
18	P-160	500 gpm through 1000 gpm	100	4	\$ 12.00	\$ 1,200	\$ 34.00	\$ 3.400	\$ 500	S 500	\$ 10.00	\$ 1.0
19	P-211	Limerock Base Course 6" Thick	460		\$ 11.50	1	\$ 29.00	\$ 13,340	\$ 12.00	\$ 5,520	\$ 24.00	\$ 11,0
20	P-702	1" Type K Copper Water Service Line and Backflow Preventer			\$ 2,500 00			\$ 3,400	5 6,063 00	\$ 6.063	\$ 13,000.00	\$ 13.0
21	P-704	16" Ductile fron (Class 51) Santary Sewer Force Main	2100	_	5 92 UD	1	\$ 167.00	\$ 350,700	\$ 96.00	\$ 201,600	\$ 113.00	5 217,1
22	P-704	48" x 16" Tapping Steeve		EA	\$ 28,000.00	\$ 28,000	\$ 47,000 00	\$ 47,000	\$ 28,741.00	\$ 28,741	\$ 17,000.00	5 17,0
23	P-704	16" Resilient Scared Tapping Valve with Box		EA	5 9,000.00		\$ 17,000 00	\$ 17000	\$ 6,789.00		\$ 6,000.00	\$ 6.
24	P-704	16" Check Valve	2	EA	\$ 4,800.00	\$ 9,600	\$ 34,000.00	\$ 68,000	5 7.766.00	S 15,532	\$ 8,000.00	5 16.0
25	P-704	12" MJ Resilient Seated Gate Valve with Box		EA	\$ 2,700 no	\$ 2,700	\$ 3,000.00	\$ 3,000	\$ 2,199.00		\$ 3,000.00	\$ 3,0
26	P-704	Io" MJ Gate Valve with Box	8	EA	\$. 4,200.00	\$ 33,600	\$ 10,000.00	\$ \$0,000	5 4,622.00		\$ 4,000.00	\$ 32,0
27	P-704	16"x12" Reducers at meter box	. 4	FA	\$ 1,400.00	\$ 5,600	\$ 4,000.00	5 16,000	\$ 1,583.00	\$ 6.332	\$ 3,000 (x)	\$ 12,0
8	P-704	Ast Release Valve with Bux	4	EA	\$ 2,200 00	\$ 8,800	\$ 2,600 00	5 10 400	\$ 1,604.00	\$ 6,416	\$ 2,000 00	\$ 8.
i	P-704	Flanged Piping, Fittings, and Valves in Pump Station (above ground at the Pump Station and inside pump station)		1.S								
19					\$ 85,000.00	\$ 85,000	\$ 112,320.00	\$ 112,320	\$ 64,402.00	5 64.402	\$ 250,000 00	\$ 250,0
30	P-704 P-704	Check Valve Manhole	2	EA	\$ 4,200.00	\$ 8,400	\$ 7,000.00	\$ 14,000	\$ 1,632.00	5 7,264	\$ 11,000.00	\$ 22.0
ы	11-704	Installation of western "U" bypass connection and valves, stopping heads, and temporary bypass line	'	LS	\$ 15,000.00	S 15,000	·\$ 78 000 00	T 78.000				
T				Test	3 1,000 Oc	15,000	·\$ 78,000.00	\$ 78 000	\$ 54,973.00	\$ 54,973	\$ 20,000.00	\$ 20,0
32	P-704	Ductile from Fittings (MDAD est uncludes figs in LF price of pipe	4 80	TON	\$ 7 200 00	\$ 35,208	\$ 23.241.00	\$ 113,648	\$ 7.281.00	\$ 35,604	\$ 9,000.00	\$ 44,0
13	F-162	Chain Link Fence (6'+1')	450	L,F	\$ 16.00	\$ 7,200	\$ 31.00	\$ 13.950	5 1734	5 7,803	5 18.00	
34	F-162	14' Double Leaf Gate		EA	1 ,400.00	\$ 2,800	\$ 1,400.00	\$ 2,800	\$ 950.00	\$ 1,900		
55	F-162	6' Single Leaf Gate	1	EA	\$ 600.00	\$ 600	\$ 1,000.00 :	\$ 1.000	\$ 650.00	\$ 650	\$ 1,000 00	\$ 2,0
16	T-904	Sodding	2635		\$ 3.50	5 9,223		\$ 15.810	\$ 4.25		\$ 700.00	3
17	300	Bituminous Prime Coat	60		\$ 2.50	\$ 150	\$ 70.00	\$ 4200		\$ 11,199	<u>\$</u> 260	\$ 6.8
8 B	331	Type S-1 Asphaltic Concrete (1.5° thick)		TON	2 98.00	5 1,604				\$ 6,000	\$ 150	5
19	02230	Remove Existing Trees	19		\$ 85.00		\$ 267.00	\$ 14,151	\$ 360 00	5 19,080	\$ 120.00	\$ 6,3
40	02900	Live Oak (Quercus Virginiana), 8 ft x 4-5 ft spread, 2* caliper	,	EA		\$ 1,615	\$ 500.00	\$ 9,500	\$ 175.00	5 7.125	\$ 340.00	\$ 6.4
41	U290U	Tive Oak (Quereus Virginiana) 12 ft x 6 ft spread, 3' caliper, 5 ft clear		EA	\$ 400.00	\$ 2800	\$ 265.00	5 1,855	\$ 197.00	5 1,379	\$ 250.00	5 1,7
42	02900	Sabicu (Lysiloma Sabicu), 8 ft x 4-5 ft. spread, 2" caliper	7		\$ 600.00	\$ 1.800	\$ 400.00	5 1,200	\$ 287 00	5 86J	\$ 250.00	5 7:
41	62900	Sabicu (Lysiloma Sabicu), 12 fr. x o fr. spread, 1° caliper, 5 fr. clear trunk	1.	I:A	\$ 1,000 00	\$ 7,000	\$ 200.00	5 1,400	S 152 00	5 1,064	\$ 250.00	\$ 1,7
14	02915	Root Prurang	34	EA		\$ 4,500	\$ 300.00	\$ 900	\$ 211.00	\$ 633	\$ 300.00	\$ 9
\neg					\$ 60.00	\$ 2,040	S 169 00	S 5,746	§ 125 00	\$ 4,250	\$ 175.00	\$ 5,9
15		Relocate Existing Trees	102	FA	\$ 50.00	5 5,100	\$ 500.00	\$ 51,000	\$ 365.00	\$ 37,230	\$ 200.00	\$ 20,4
		Watering of Relocated or New Tree (20 working days)	122	EA	\$ 200 00	\$ 24,400	\$ 41.00	\$ 5,002	10 00	\$ 3,660	\$ 21.00	5 2.5
17		Transportation of each relocated tree to Tamianu Airport	51	EA	\$ 100.00	\$ 5,100	\$ 200.00	\$ 10,200	\$ 100.00	\$ 5,100	\$ 50.00	\$ 2.5
18	02915	Transportation of each relocated tree to Opa-Locka Airport			\$ 100.00	\$ 5,100	\$ 200.00	\$ 10,200	100 00	\$ 5,100	\$ 50.00	\$ 2.5
19	03100	MDAD Meter Vault		EA	\$ 4,800.00	5 4,800	\$ 49,000.00	\$ 49,000	\$ 20,481.60	\$ 20,481	\$ 40,000.00	\$ 40.0
0	03300	MDWASD Meter Vault	1	EA	\$ 4,800 (K)	\$ 4,800	\$ 48,000.00	\$ 48,000	\$ 20,600 00	\$ 20,600	\$ 60,000.00	\$ 60,0
	11215, 15820, 16110, 16120, 16450, 16480,	Pump Station Building Structure, HVAC, Plumbing, and Electrical Switchgear, Cables/Conductors, and Lighting	ı	1.5	\$ 345,000 0ci	\$ 345,000	\$ 622,000 00		\$ 437,000 00	\$ 437,000	\$ 784,000 00	\$ 789.0
빞	16500, 16670					ļ		5 622,000				
3	1011	Vertical Non-clog Pumps, Motors, and Drives Seal Water System	3	EA EA		\$ 159,000 \$ 22,000		\$ 215,000		\$ 166,350		
1	3300	Instrumentation and Control and Telemetry (ext. anit. corrected)			\$ 22,000.00 \$ 150,000.00			\$ 25,000 \$ 274,000	\$ 16 635 00 \$ 159,562 00	\$ 16,635 \$ 159,562	\$ 20,000 00 \$ 170,000 00	\$ 20,0
5]	15410, 15580	Above Circund Fuel Storage Tank, Day Tank, and Diesel Fuel Piping		1.5	\$ 38,000.00	\$ 38,000	\$ 54,000.00	\$ 54,000	\$ 55,000.00	\$ 55,000	\$ 40,000 00	\$ 400
7		Diesel Engine Generator Set and ATS Monthly Warranty Maintenance (Mechanical)	12	I.S E.A		\$ 98,000				\$ 63,570	\$ 75,000.00	\$ 75.6
B		Monthly Warranty Maintenance (Rectianical)	12	EA.		\$ 14,400 \$ 19,200		\$ 24,000 \$ 24,000	\$ 1,700 00 \$ 2,575 00	\$ 20,400		5 i.:
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\forall								,		5 ~~~		
_		TOTAL AMOUNT OF UNIT AND L.S. PRICE ITEMS (ITEMS 1-58).				\$ 1,531,051		•			·.	
						(Anasuri m.) (quies)	• •	\$ 2,718 492		136,818,161 حد 2		\$ 2,382,
-		(Asserted in Works)							1. 1.	Marie and	and the second	-
	ALLOWANCE A						\$ 271.849		\$ 184,836		\$ 238,277	
	G AUDIT ACCO						\$ 6,796		\$ 4,621		\$ 5,957	
1			and I.S. Price	Irems	\$ 15,311		\$ 27,185		\$ 18,484		\$ 23,828	
1	PSIG AUDIT AC	COUNT 1% of Total Amount of Unit	and E is tire		3 13,311							
1		CCOUNT 1% of Total Amount of Unit	and E to Trace		3 13,311							
1		COUNT 15% of Total Amount of Linux	and 2.17 (1).00		3 13,311	\$ 173.743		\$ 106.8***				
1		TOUNT % of Total Amount of Lint			3 13,311	\$ 172,243		\$ 305,830		5 207,941		\$ 268.

